

156-202

GP 2501



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No. 50169/105/ENPO

In re patent application of

Wallace T.Y. TANG

Group Art Unit: 2501

Serial No. 08/401,229

Examiner: J. Lee

Filed: March 9, 1995

For: IN-SITU REAL-TIME MONITORING TECHNIQUE AND APPARATUS  
FOR ENDPOINT DETECTION OF THIN FILMS DURING  
CHEMICAL/MECHANICAL POLISHING PLANARIZATION

# 6 / S  
1/18/96

**AMENDMENT AND REQUEST FOR RECONSIDERATION**  
**UNDER 37 C.F.R. § 1.111**

Assistant Commissioner for Patents  
Washington, D.C. 20231

RECEIVED

DEC 29 1995

GROUP 2500

Sir:

In response to the outstanding Office Action mailed on July 12, 1995, please amend the above-identified application as follows:

**IN THE SPECIFICATION**

On page 13, line 22, change "8" to --11--.

On page 14, line 22, change "8" to --11--.

**IN THE CLAIMS**

Please rewrite the following claim:

17. (amended) An apparatus for monitoring thickness change in a film on a substrate comprising

(i) a bifurcated fiber-optic cable having a common leg and two bifurcated legs,

(ii) a rotating fiber-optic cable with two ends,

(iii) a light source,

(iv) means for analyzing a light signal to determine thickness change and stopping thickness change when the thickness reaches a predetermined endpoint, and

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